

#1

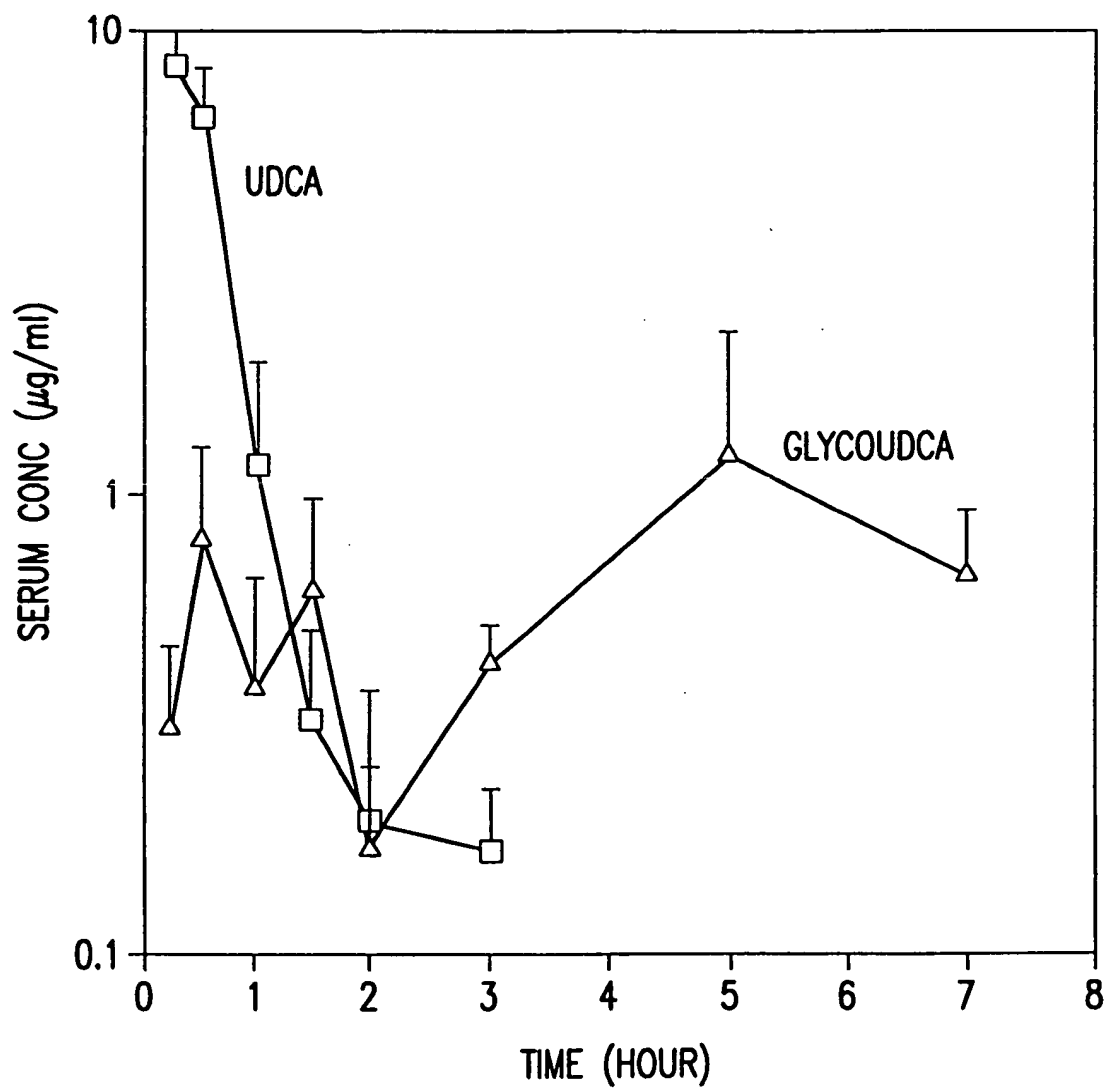


FIG.1

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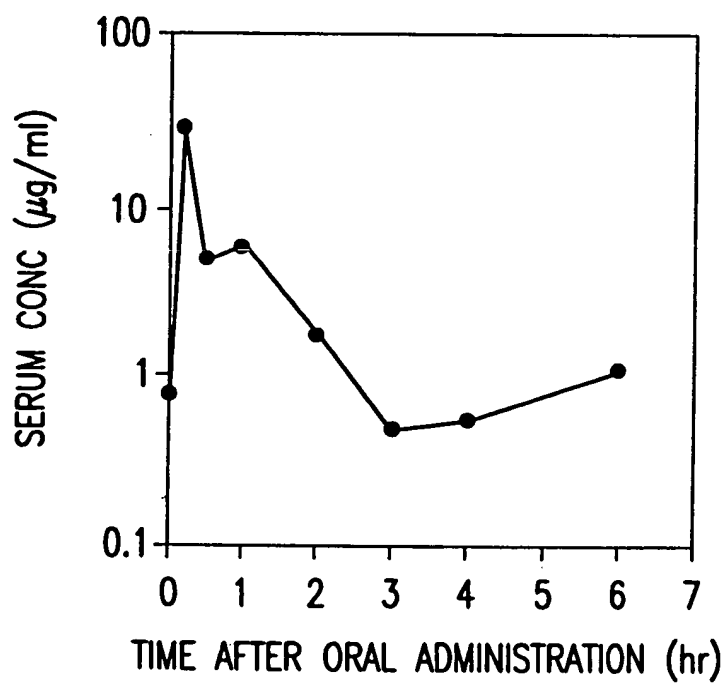
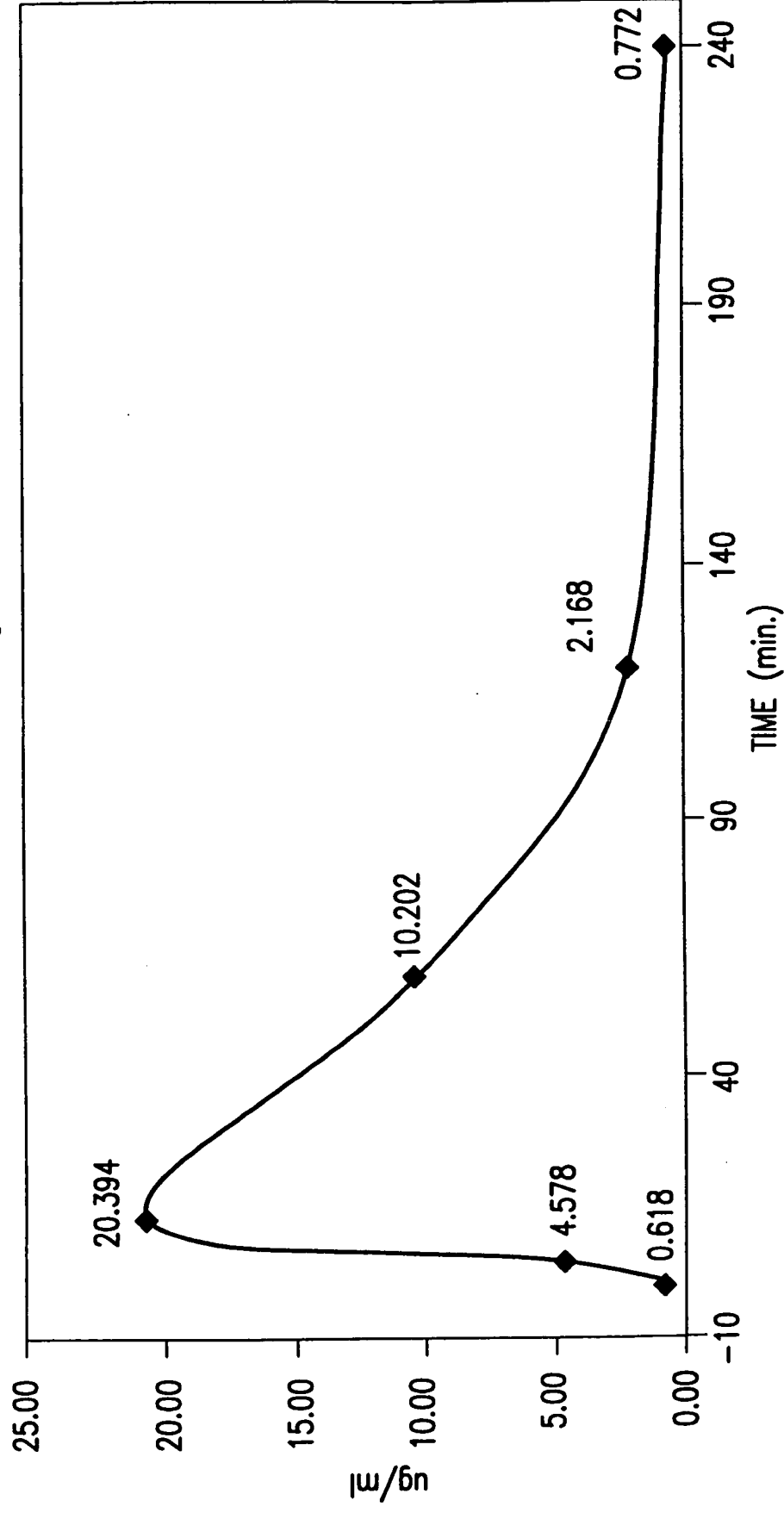


FIG.2

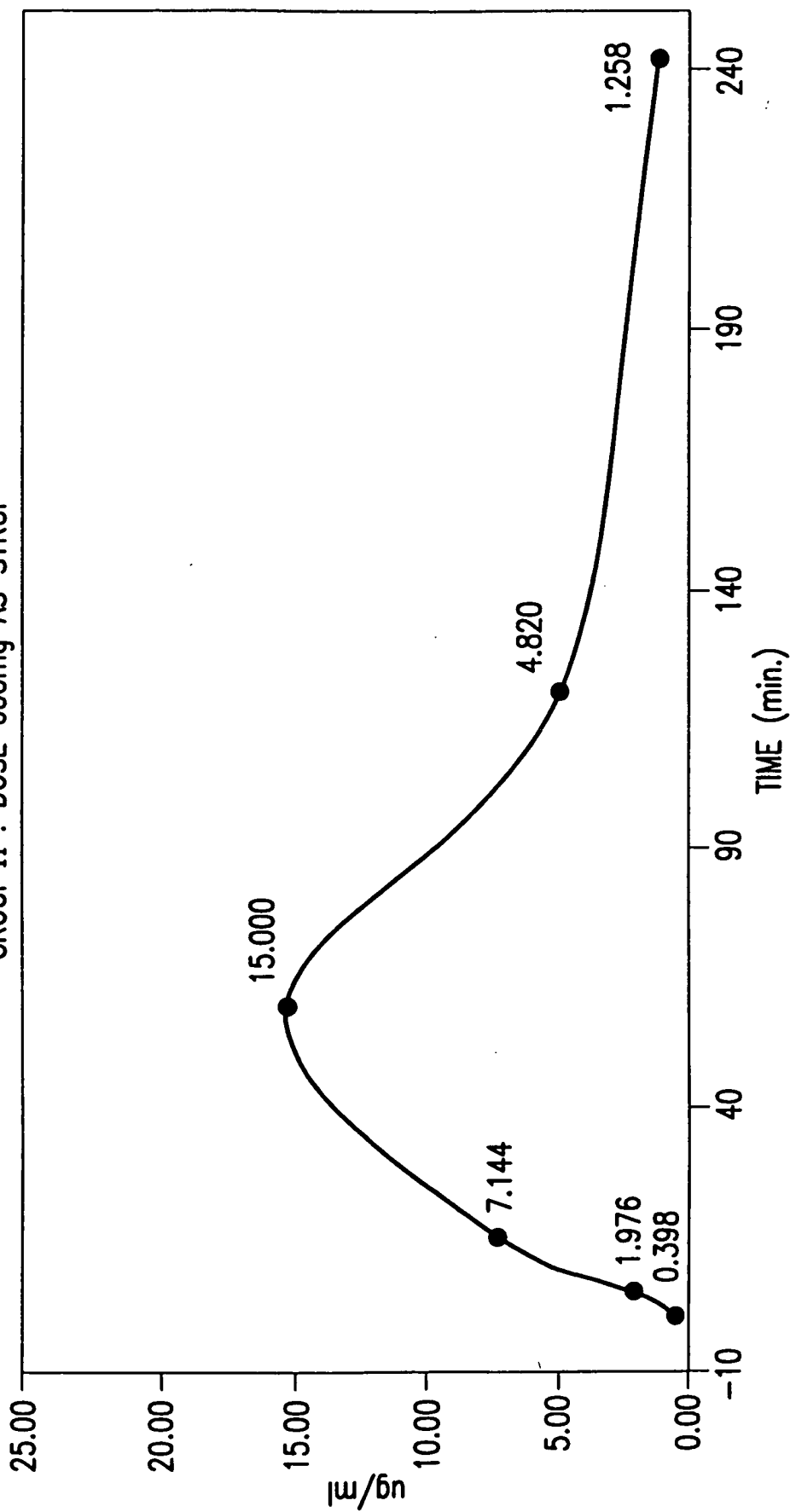
PHARMACOKINETIC PARAMETERS OF UDCA IN HUMAN
AFTER AN ORAL ADMINISTRATION OF LIQUID FORMULATION OF UDCA
DIAGRAM OF THE MEAN (n=5) FOR GROUP I
GROUP I : DOSE 600mg AS SOLUTION



* EACH BILE ACID WAS DETECTED WITH STANDARD PROCEDURE BY LC-1500 SERIES HPLC
SYSTEM OF JASCO EQUIPED WITH 3 α -HSD(3 α -HYDROXYSTEROIDE DEHYDROGENASE) COLUMN

FIG.3

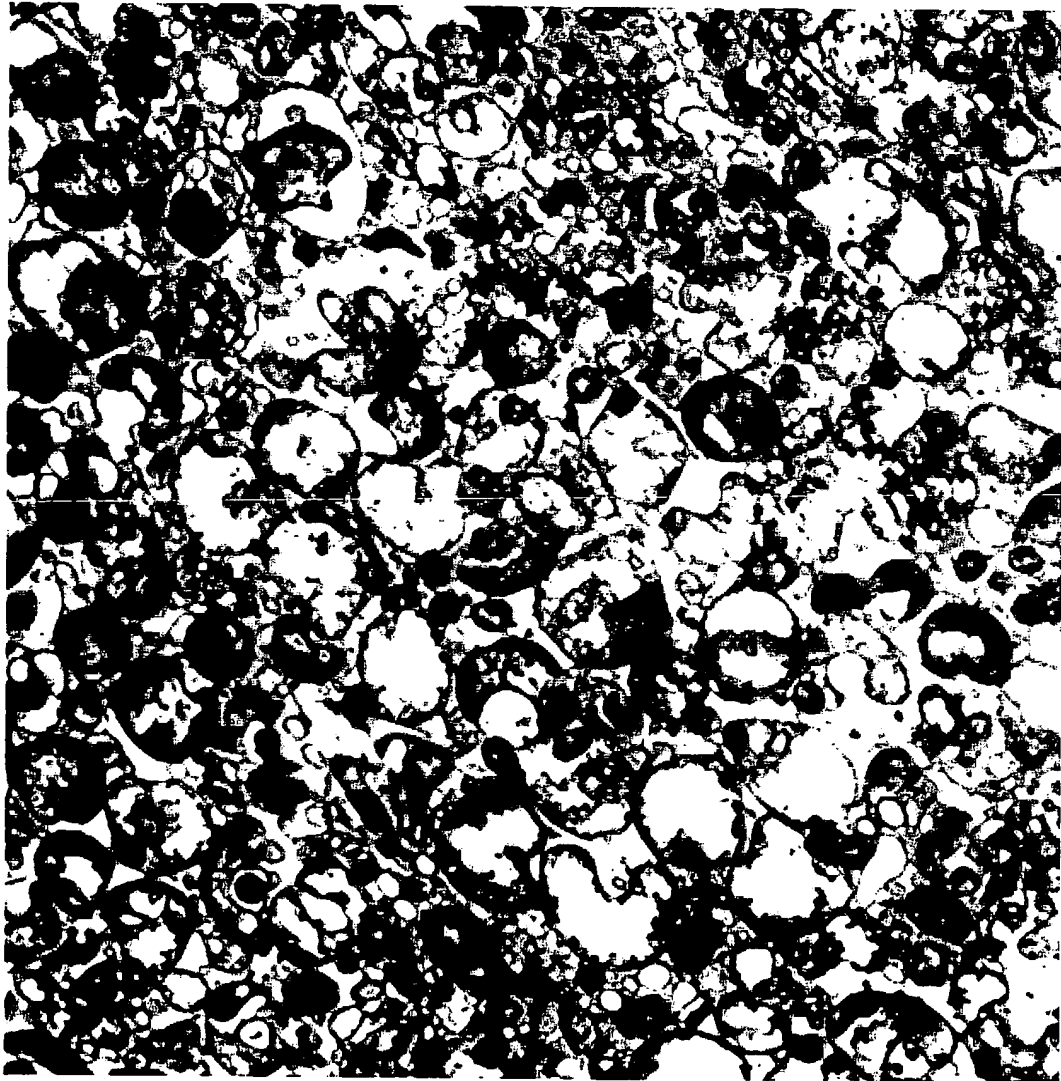
PHARMACOKINETIC PARAMETERS OF UDCA IN HUMAN
 AFTER AN ORAL ADMINISTRATION OF LIQUID FORMULATION OF UDCA
 DIAGRAM OF THE MEAN ($n=5$) FOR GROUP II
 GROUP II : DOSE 600mg AS SYRUP



* EACH BILE ACID WAS DETECTED WITH STANDARD PROCEDURE BY LC-1500 SERIES HPLC
 SYSTEM OF JASCO EQUIPED WITH 3 α -HSD(3 α -HYDROXYSTEROIDE DEHYDROGENASE) COLUMN

FIG.4

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H. pylori cultured from Columbia medium pictured by
Transmission Electron Microscope

FIG.5A

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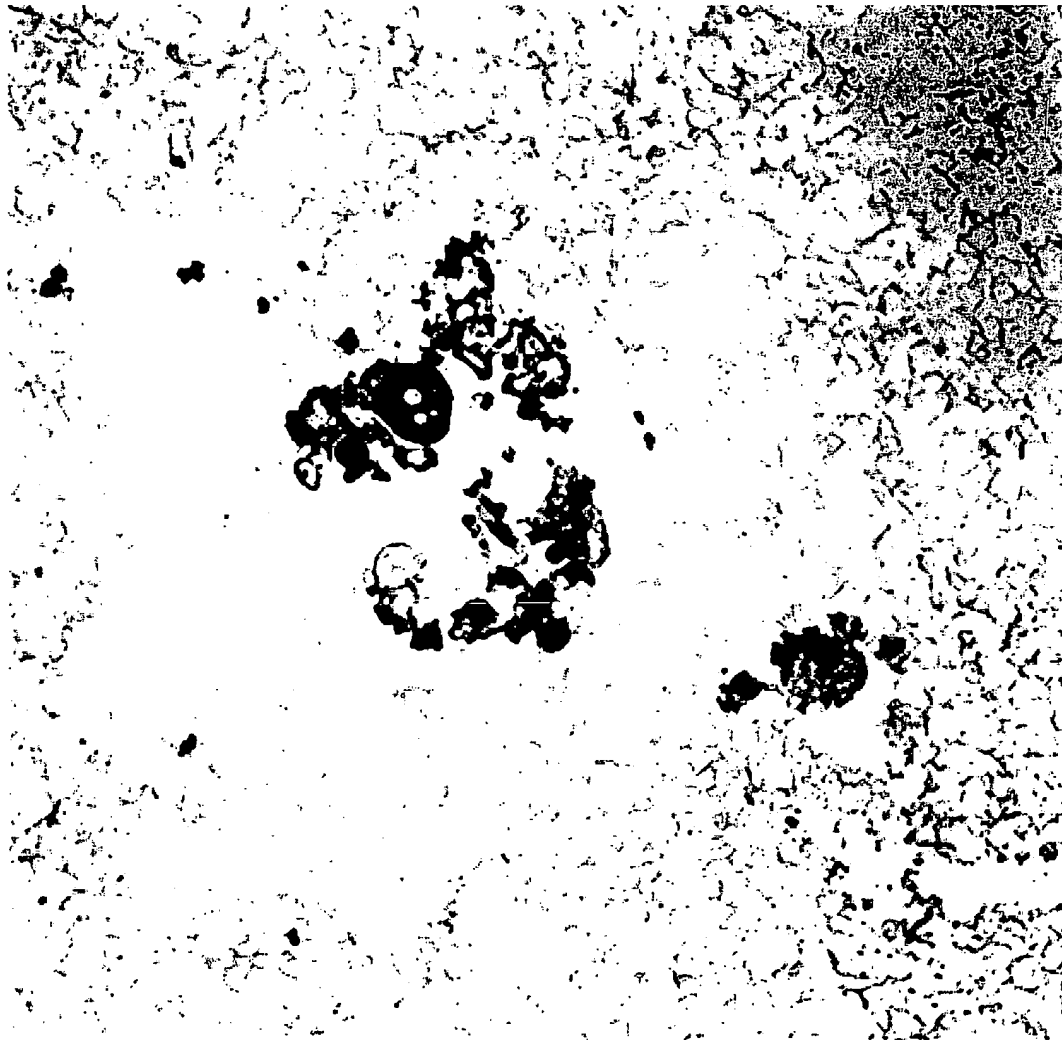


48hrs, after H. pylori treated with UDCA & bismuth citrate
pictured by Transmission Electron Microscope

FIG.5B

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72hrs, after H. pylori treated with UDCA & bismuth citrate
pictured by Transmission Electron Microscope

FIG.5C

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NMR DATA FOR UDCA IN THE LIQUID FORMULATION DOSAGE FORM:
THIS DATA SHOWS THAT THIS UDCA IS ABSOLUTELY FREE UDCA

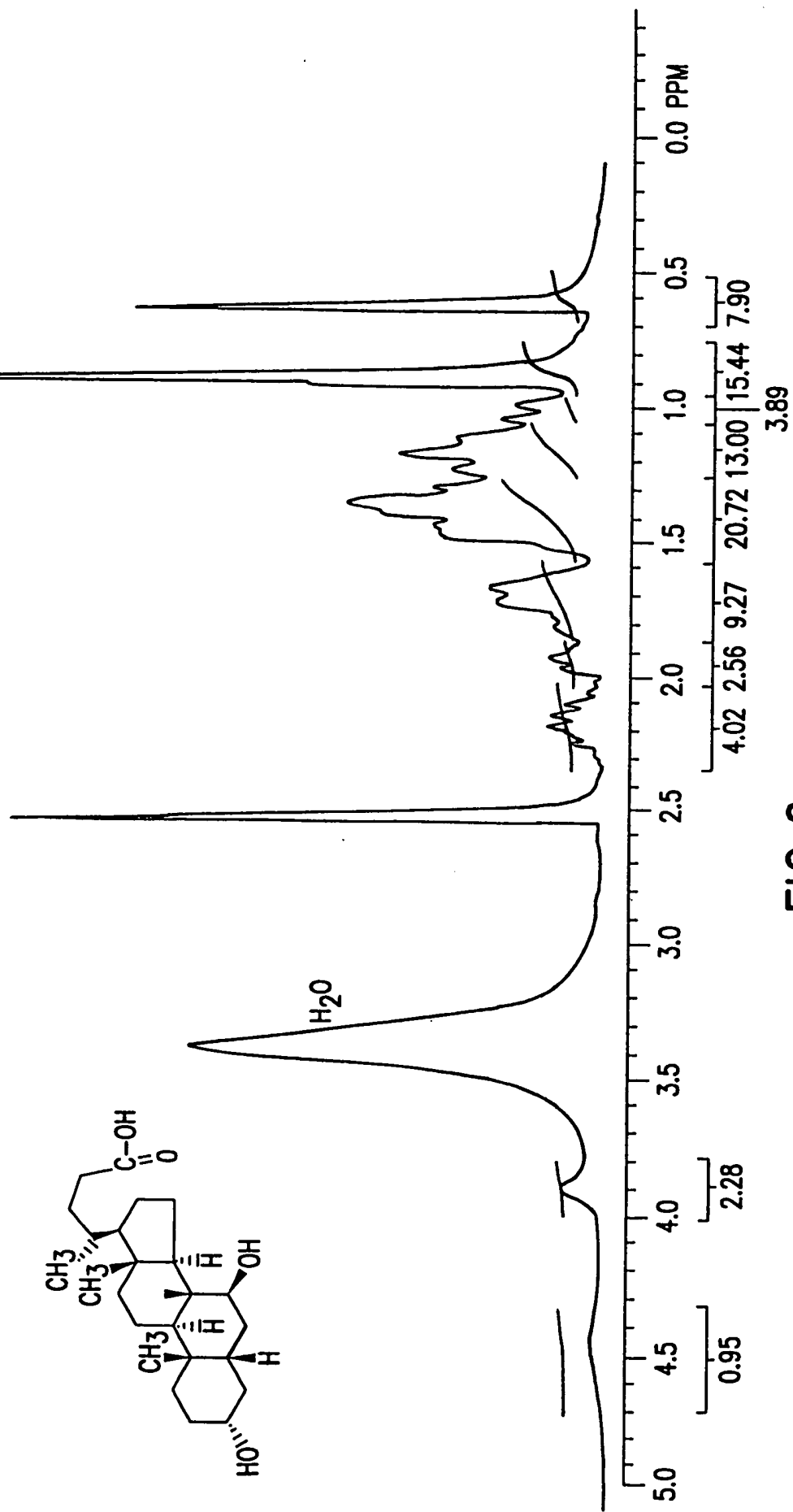


FIG.6

HPLC FOR UDCA IN THE LIQUID FORMULATION DOSAGE FORM

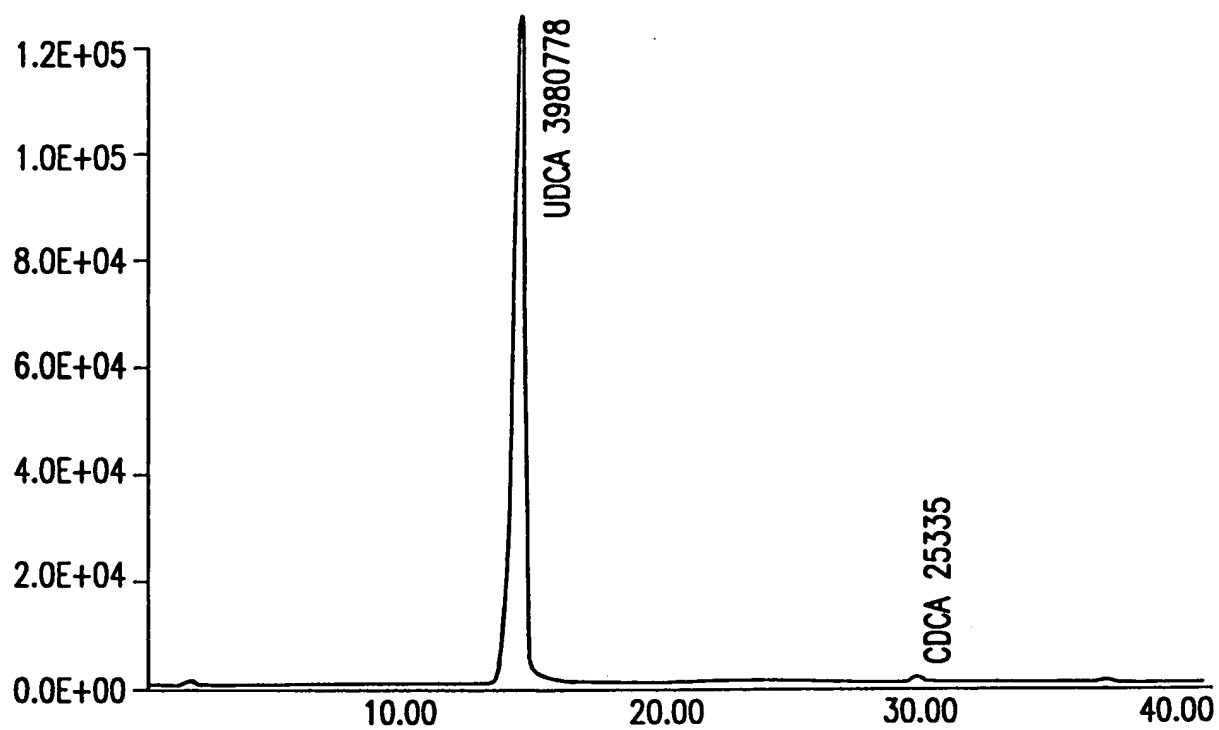


FIG.7

HPLC FOR STANDARD UDCA

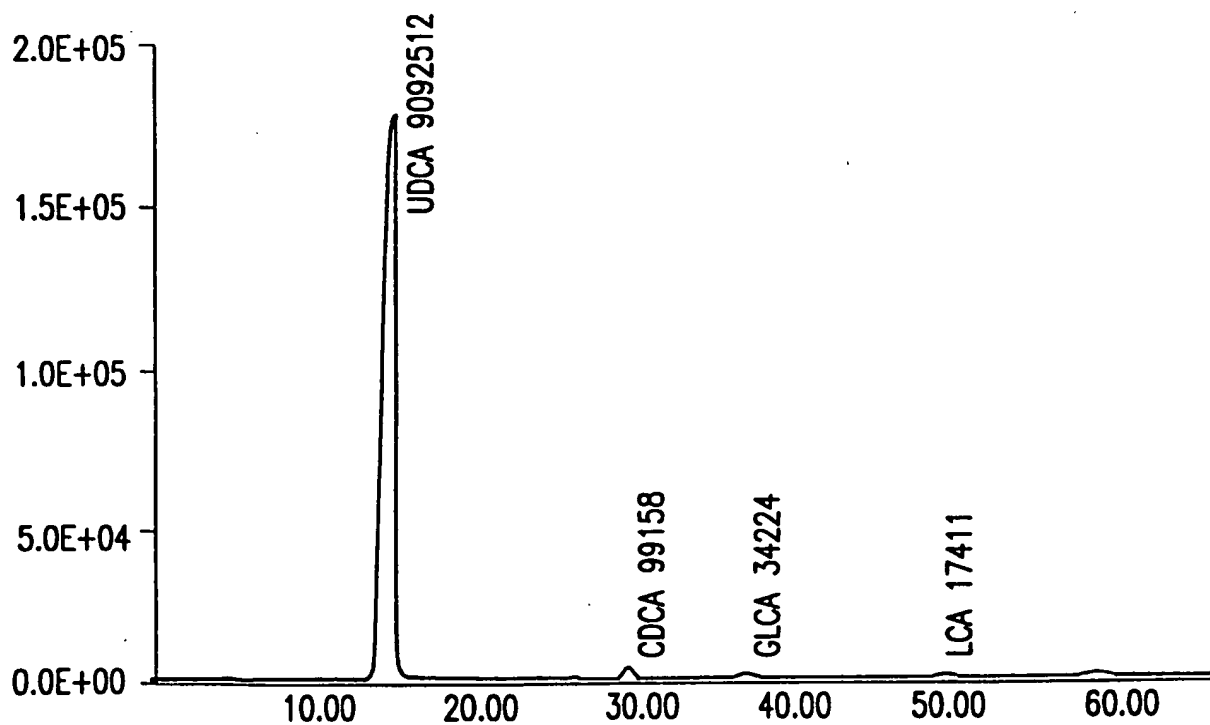
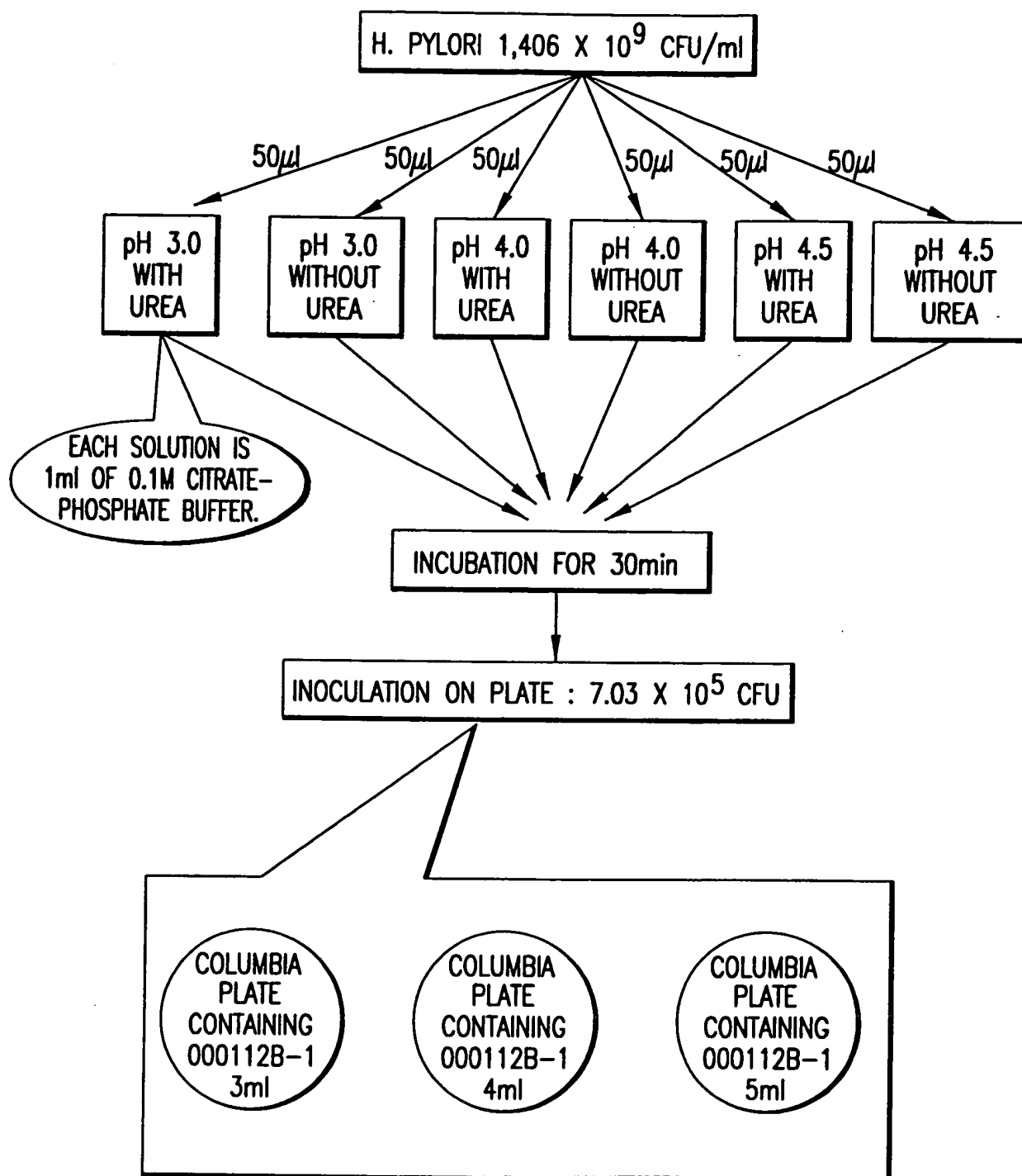


FIG.8

ABSTRACT DIAGRAM FOR THE CULTURE METHOD

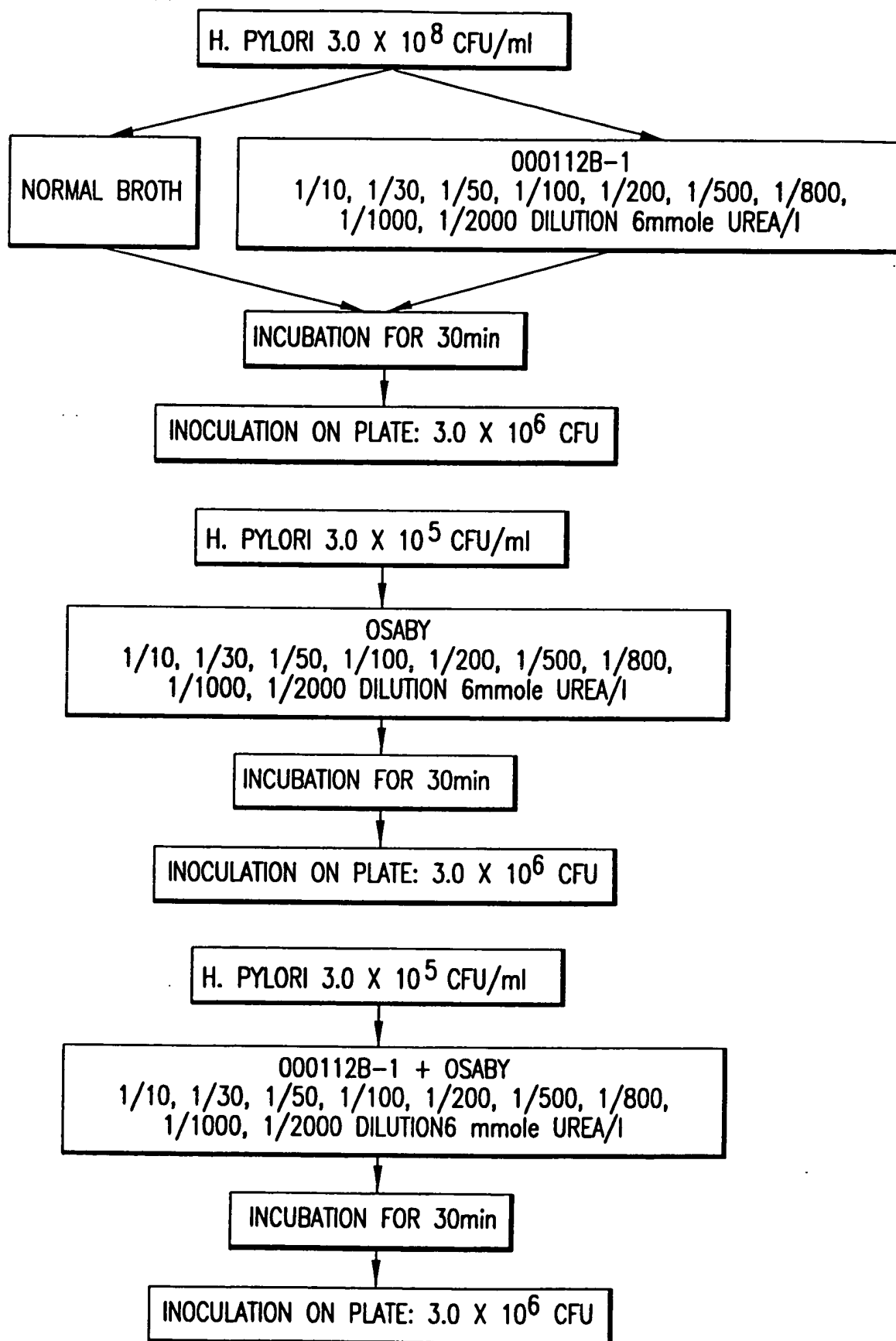
(i) METHOD WITH THE VARIOUS pH VALUES.



PLATES WERE INCUBATED MICROAEROPHILICALLY AT 37°C FOR 72 HOURS.

FIG.9

(ii) METHOD WITH THE VARIOUS CONCENTRATIONS.



PLATES WERE INCUBATED MICROAEROPHILICALLY AT 37°C FOR 72 HOURS.

FIG.10

(iii) METHOD WITH THE VARIOUS CONCENTRATIONS + VARIOUS INCUBATION TIME.

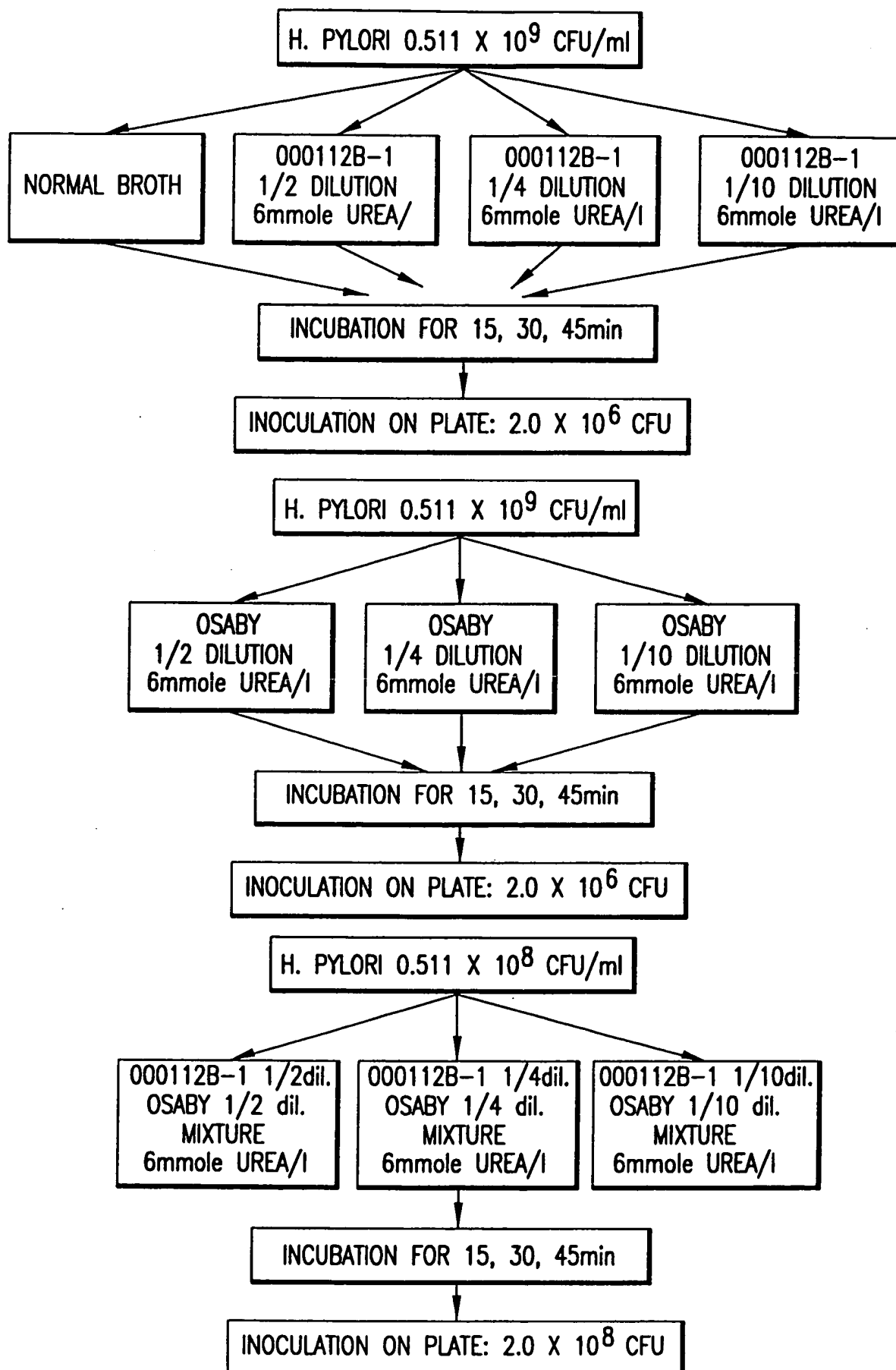


FIG.11 PLATES WERE INCUBATED MICROAEROPHILICALLY AT 37°C FOR 72 HOURS.